



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket: LP-2012

IFW

Applicant : Hans-Peter METTLER
Serial No. : 10/569,824
Filed : February 28, 2006
Title : PROCESS FOR THE ASYMMETRIC HYDROGENATION
OF BETA-AMINO KETONES

ART STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A copy of the International Search Report for applicants' corresponding International patent application is enclosed.

Enclosed is a copy of WO 03/062219 (WO '219). The International Search Report cited WO '219 as being particularly relevant when combined with another reference in the same category (Category Y), cited Claim 1 of WO '219 as being relevant, and cited WO '219 as being relevant to Claims 1 to 11 of applicants' corresponding International patent application. WO '219 is discussed on page 2 of applicants' specification.

Enclosed is a copy of U.S. Published Patent Application No. 2004249170, that the International Search Report stated corresponds to WO '825.

Enclosed is a copy of WO 03/061825 (WO '825). The International Search Report cited WO '825 as being particularly relevant when combined with another reference in the same category (Category Y), cited Examples 81 to 83 of

WO '825 as being relevant, and cited WO '825 as being relevant to Claims 1 to 11 of applicants' corresponding International patent application.

Enclosed is a copy of U.S. Published Patent Application No. 2003144521, that the International Search Report stated is in the same family as WO '825.

Enclosed is a copy of U.S. Published Patent Application No. 2003181318, that the International Search Report stated is in the same family as WO '825.

Enclosed is a copy of U.S. Published Patent Application No. 2003171213, that the International Search Report stated is in the same family is WO '825.

Enclosed is a copy of U.S. Published Patent Application No. 2003181319, that the International Search Report stated is in the same family as WO '825.

Enclosed is a copy of WO 03/061826 (WO '826). The International Search Report cited WO '826 as being particularly relevant when combined with another reference in the same category (Category Y), cited Examples 93 to 99 of WO '286 as being relevant, and cited WO '826 as being relevant to Claims 1 to 11 of applicants' corresponding International patent application.

The International Search Report stated that U.S. Published Patent Application Nos. 2003144521, 2003181319, 20033171213 and 2003181318 are in the same family as WO '825.

Enclosed is a copy of Takeshi, Ohkuma, et al., Organic Letters, ACS, Washington, D.C., U.S., vol. 2, no. 12, 2000, pages 1749-1751, (Takeshi, et al.). The International Search Report cited Takeshi et al. as being particularly relevant when combined with another reference in the same category (Category Y), cited Scheme 1, Table 1, of Takeshi et al. as being relevant, and cited Takeshi et al.

as being relevant to Claims 1 to 11 of applicants' corresponding International patent application. Takeshi et al. is discussed on pages 2 and 3 of applicants' specification.

Enclosed is a copy of Sakuraba, S. et al. Chemical and Pharmaceutical Bulletin, Pharmaceutical Society Of Japan, Tokyo, JP, vol. 43, no. 5, 1995, pages 748-753., (Sakuraba et al.). The International Search Report cited Sakuraba et al. as being particularly relevant when combined with another reference in the same category (Category Y), cited Table 1 of Sakuraba et al. as being relevant, and cited Sakuraba et al. as being relevant to Claims 1 to 11 of applicants' corresponding International patent application. Sakuraba et al. is discussed on page 3 of applicants' specification.

Enclosed is a copy of WO 02/10113 (WO '113). The International Search Report cited WO '113 as being particularly relevant when combined with another reference in the same category (Category Y), cited Claim 2 of WO '113 as being relevant, and cited WO '113 as being relevant to Claims 1 to 11 of applicants' corresponding International patent application.

Enclosed is a copy of U.S. Published Patent Application No. 2004030178, that the International Search Report stated is in the same family as WO '113.

Enclosed is a copy of Liu, H., et al., *Chirality*, 2000, 12, 26-29, (Liu et al.), that is discussed on page 1 of applicants' specification.

Enclosed is a copy of Deeter, J., et al., *Tetrahedron Lett.*, 1990, 31, 7101-7104, (Deeter et al.), that is discussed on page 1 of applicants' specification.

Enclosed is a copy of European Published Patent Application 457559, that is discussed on page 2 of applicants' specification.

Enclosed is a copy of European Published Patent Application 650965, that is discussed on page 2 of applicants' specification.

Enclosed is a copy of Japanese Published Patent Application 2003-192681, that is discussed on page 2 of applicants' specification.

Enclosed is a copy of Sorbera, L. A., et al., *Drug Future*, 2000, 25, 907-916, (Sorbera et al.), that is discussed on page 2 of applicants' specification.

Enclosed is a copy of European Published Patent Application 1254885, that is discussed on page 3 of applicants' specification.

Enclosed is a copy of WO 2004/005239, that is discussed on page 3 of applicants' specification.


A list of the above-identified references is enclosed.

Respectfully submitted,

Date: April 7, 2006

Virgil H. Marsh
Virgil H. Marsh
Reg. No. 23,083

Fisher, Christen & Sabol
1725 K Street, NW
Suite 1108
Washington, D.C. 20006
Tel.: 202-659-2000
Fax: 202-659-2015

FORM PTO-1449 INFORMATION DISCLOSURE CITATION (modified)		Atty Docket: LP-2012		Serial No.: 10/569,824			
		Applicant: Hans-Peter METTLER					
		Filing Date: February 28, 2006		Group:			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
		2004249170					
		2003144521					
		2003181318					
		2003171213					
		2003181319					
		2004030178					
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Country	Class	Sub-Class	Translation Yes * No
		03/062219		WO			
		03/061825		WO			
		03/061826		WO			
		02/10113		WO			
		457559		EP			
		650965		EP			
		2003-192681		JP			
		1254885		EP			
		04/005239		WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		Takeshi, Ohkuma, et al., Organic Letters, ACS, Washington, DC, U.S., vol. 2, no. 12, 2000, pages 1749-1751					
		Sakuraba, S. et al. Chemical and Pharmaceutical Bulletin, Pharmaceutical Society of Japan, Tokyo, JP, vol. 43, no. 5, 1995, pages 748-753					
		Liu, H., et al., Chirality, 2000, 12, 26-29					
		Deeter, J., et al., Tetrahedron Lett., 1990, 31, 7101-7104					
		Sorbera, L.A., et al., Drug Future, 2000, 25, 907-916					

Examiner:	Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	